

FIG. 1

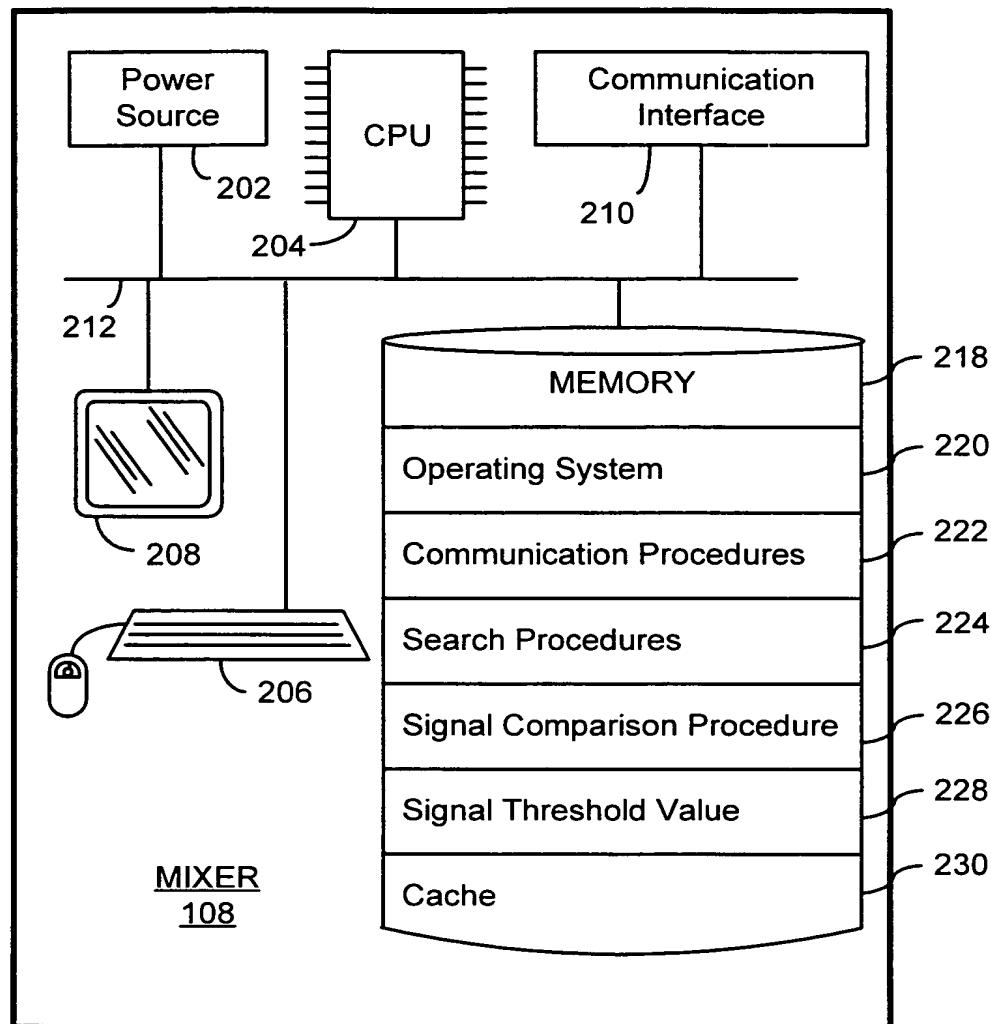


FIG. 2A

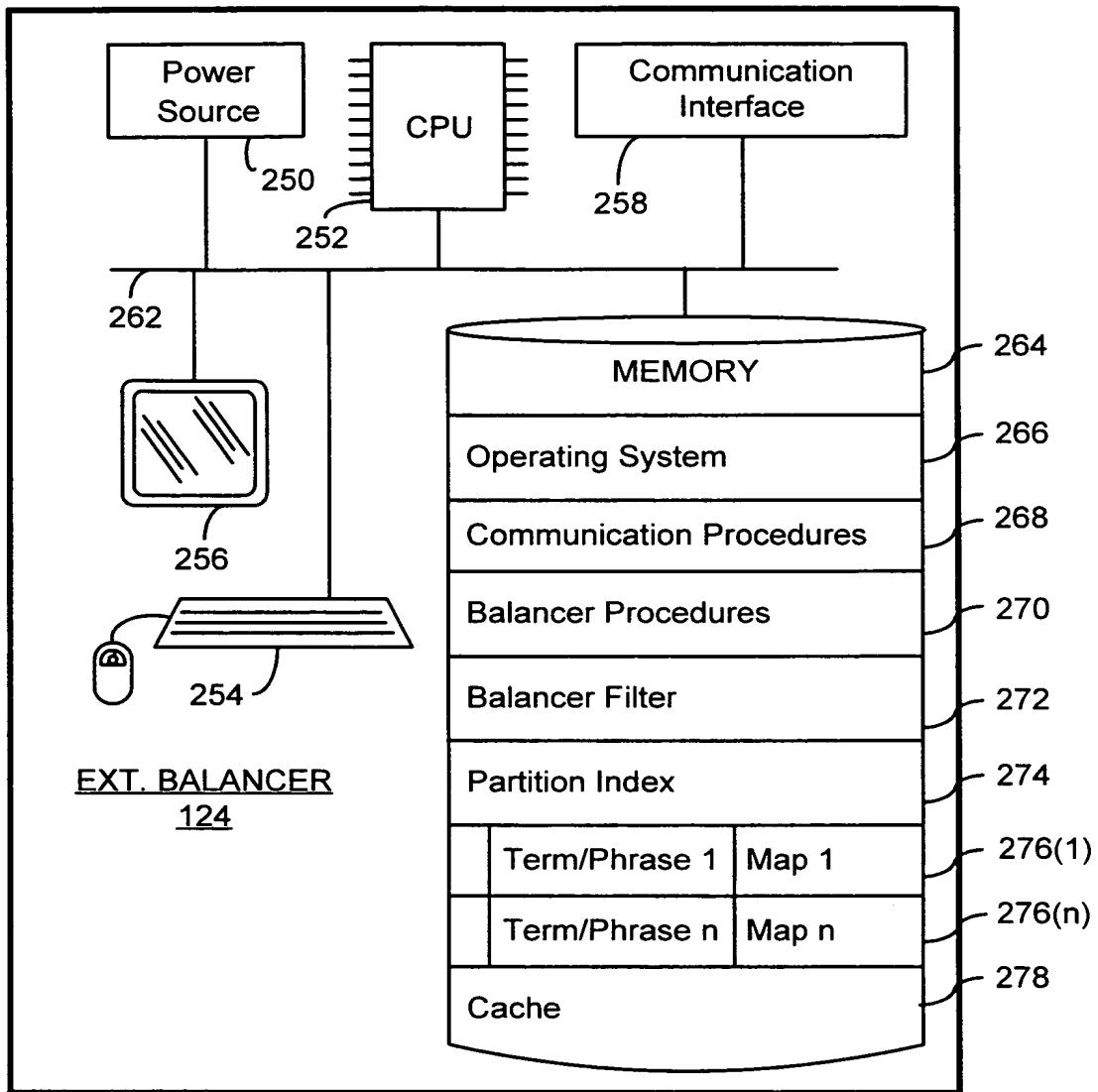


FIG. 2B

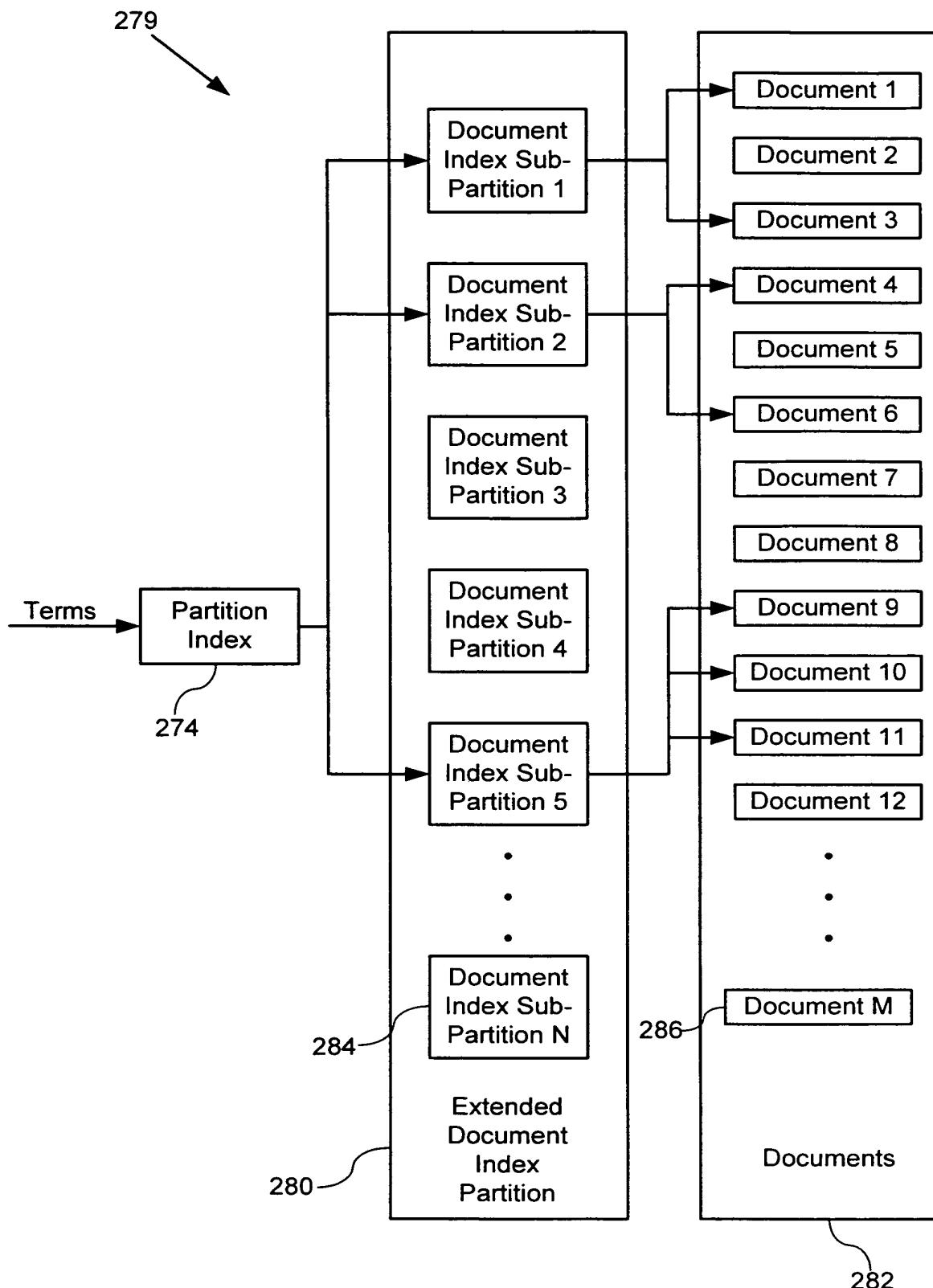
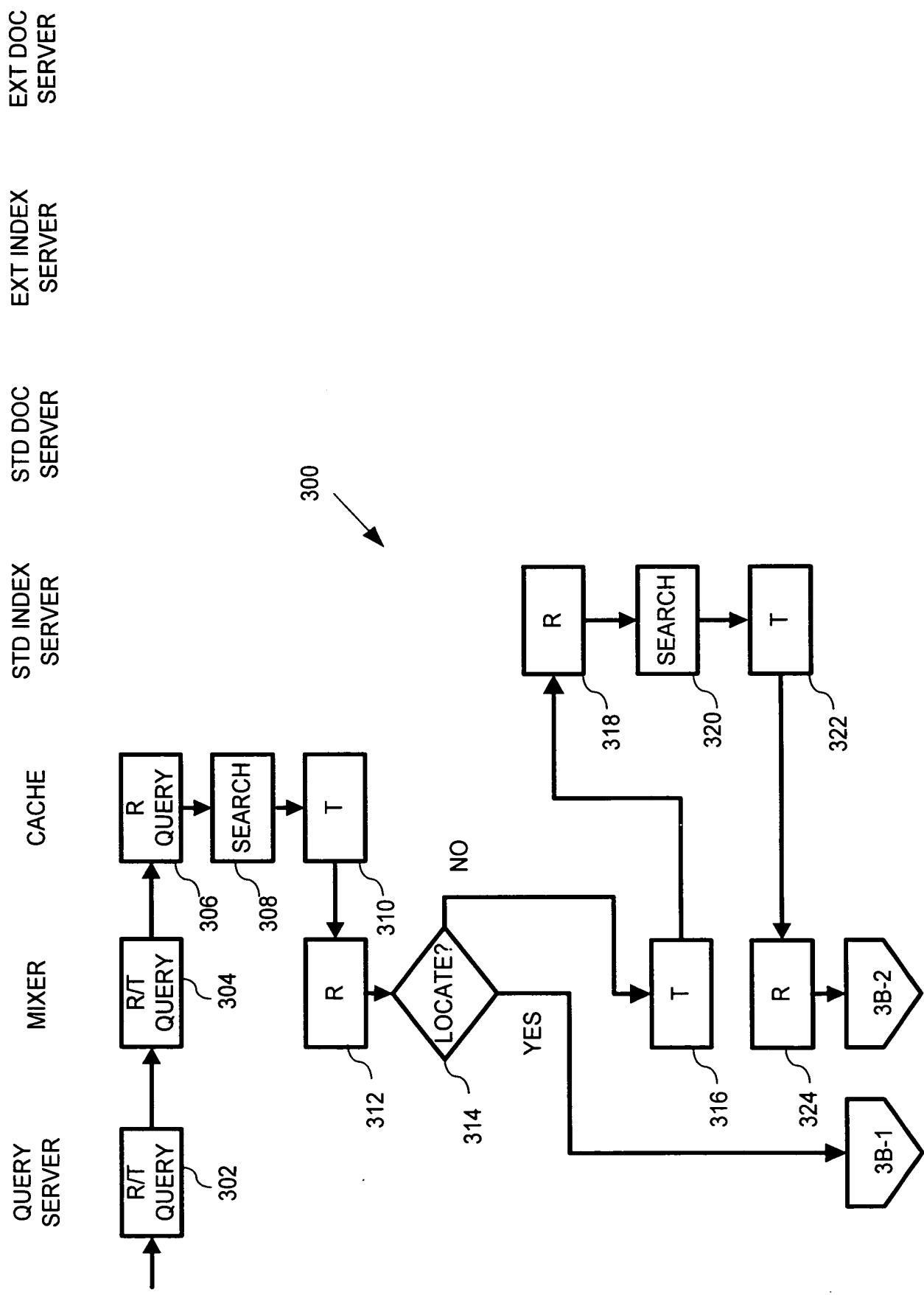


FIG. 2C



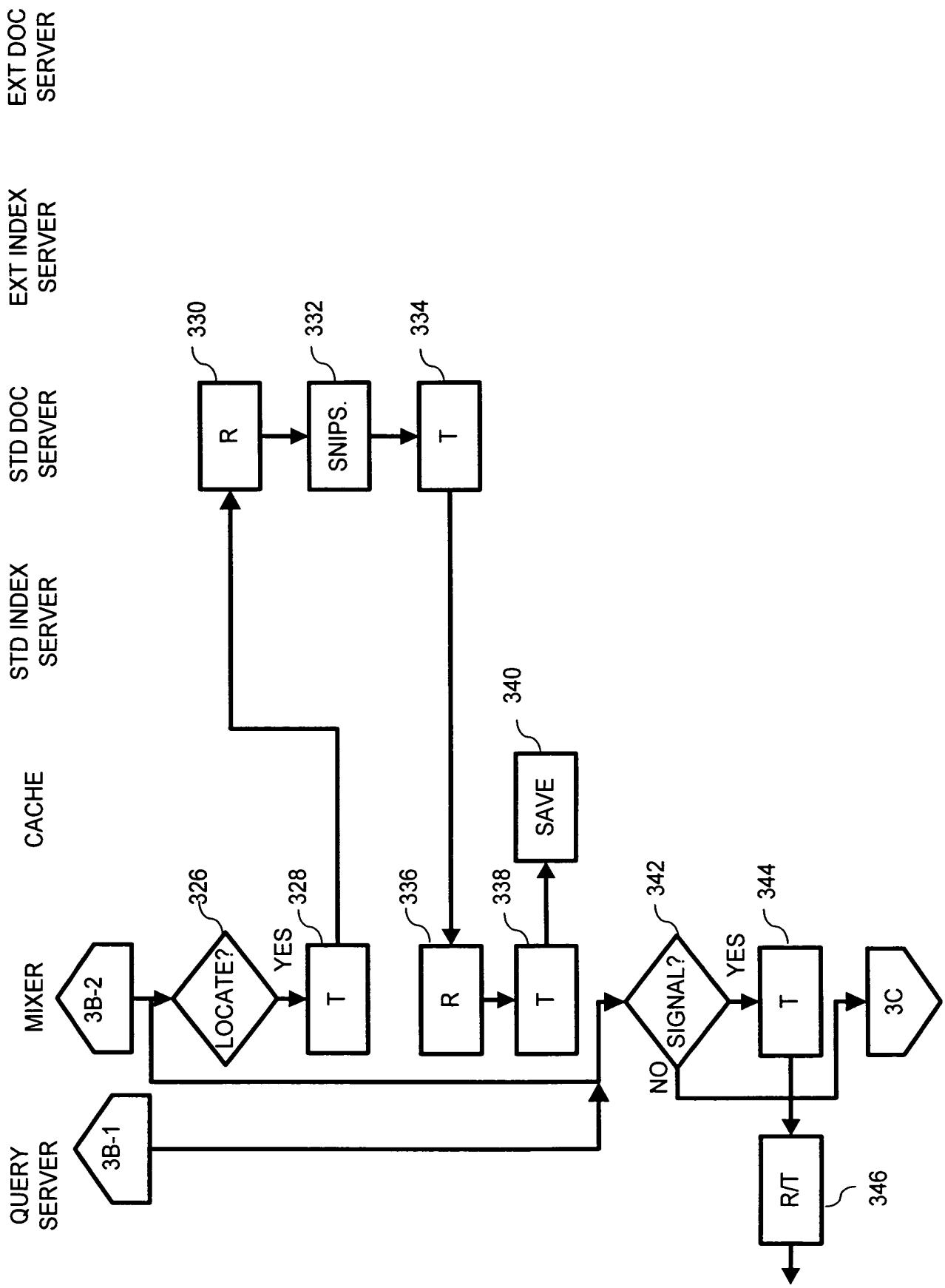


FIG. 3B

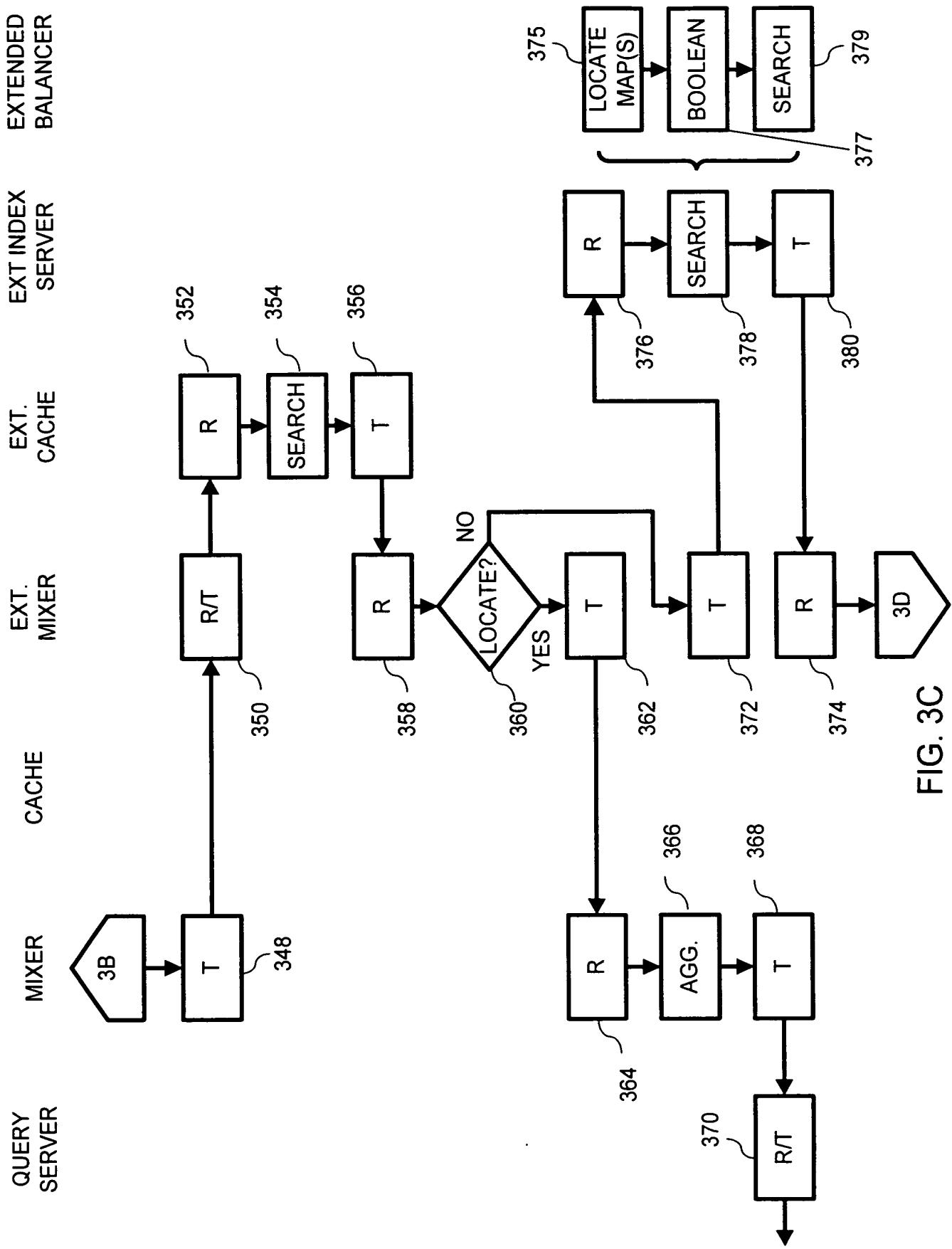


FIG. 3C

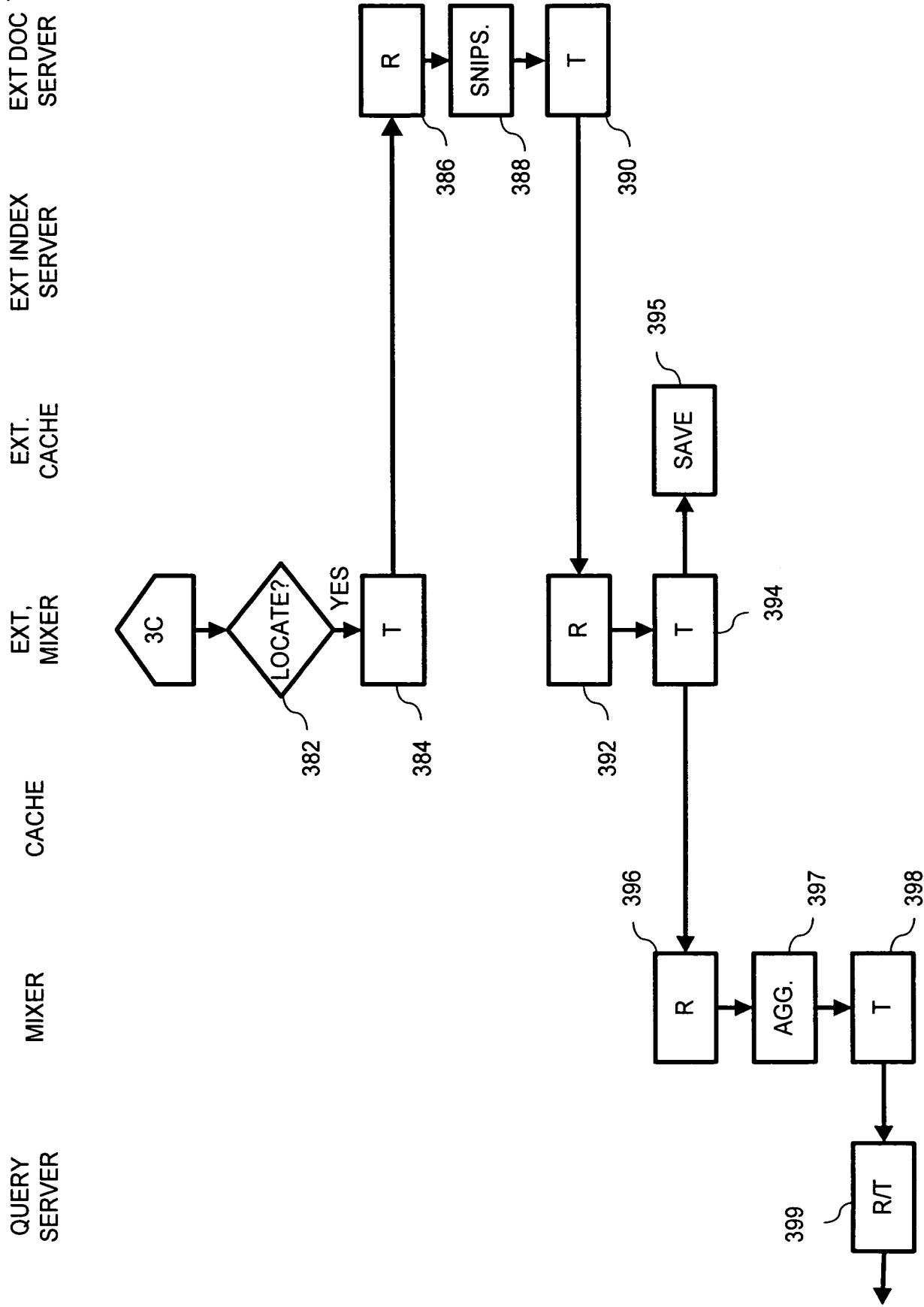


FIG. 3D

QUERY SERVER      MIXER      CACHE      EXT. MIXER      EXT. CACHE      EXT. INDEX SERVER      EXT DOC SERVER

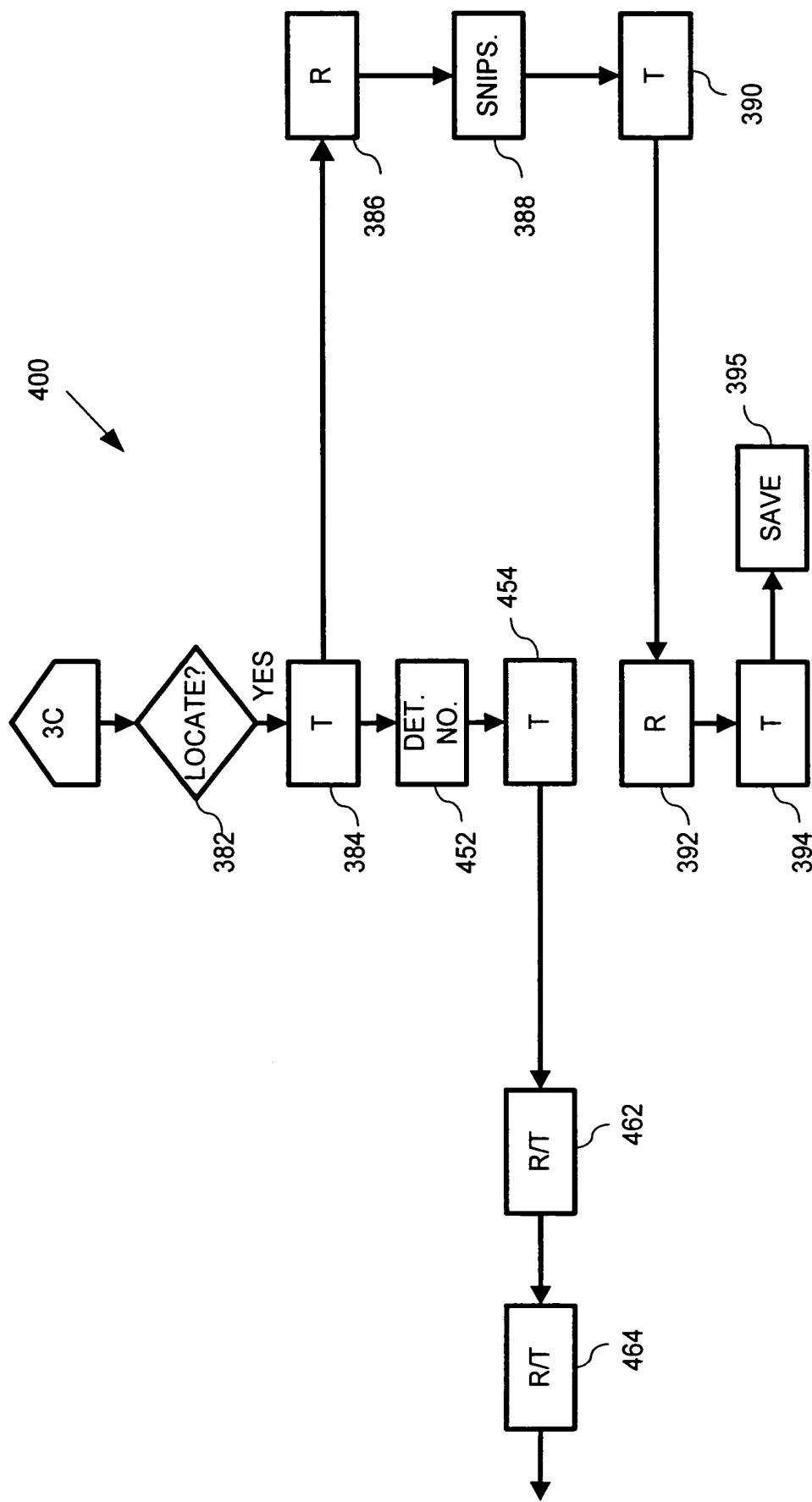


FIG.4